

STEREO MOC Status Report
Time Period: 2019:315 - 2019:321

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 320, DSS-55 conducted a Return-to-Service Demonstration track. JPL Navigation reported not receiving uplink tracking data (UCP/USRP) for the entire demo track. The uplink OE is investigating the problem. See DR #M111874 more information.
- On day 321, during the DSS-14 support, the station was not able to support downlink activities and provide telemetry due to a failed HEMT X-Band low noise amplifier. On the subsequent DSS-63 support, MOPs repositioned SSR pointers and recovered 75% (19.5 hours) of the affected DSS-14 data. This anomaly resulted in the loss of 6.5 hours of SSR data. See DR #G120642 more information.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- The average daily science data return for Ahead was 5.5 Gbits during this week.